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INTELLECTUAL PROPERTY LAW ATTORNEYS

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|--------------------|---------------------------|-----------------|----------------------------|
| To: | Examiner Megann E. Vaughn | From: | Dan C. Hu |
| Company: | U.S. Patent Office | Date: | June 22, 2007 |
| Fax: | (571) 273-8300 | Pages: | 12 (including cover sheet) |
| Serial No.: | 10/554,116 | Our Ref: | SHL0388US(101.0122) |

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☒ Confirm Receipt

RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICEAttorney Docket No.: SHL0388US (101.0122)
Date: June 22, 2007

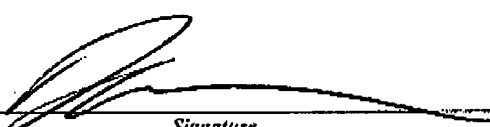
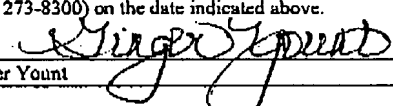
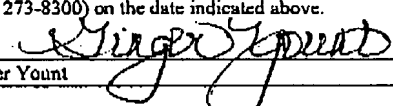
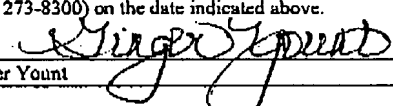
DCH/gky

Applicant(s): ARTHUR H. HARTOG
Serial No.: 10/554,116
Filing Date: October 21, 2005
Title: DISTRIBUTED OPTICAL FIBRE MEASUREMENTS


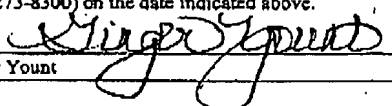
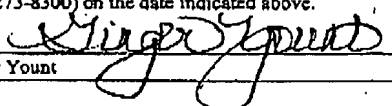
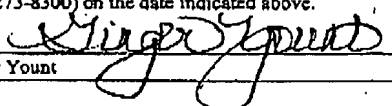
1. Amendment Transmittal (in duplicate); and
2. Reply to Office Action Mailed April 23, 2007.

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JUN 22 2007

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|--|-------------------------------------|-----------------------------|---|----------------|-------------------------------------|--|---------------------------------------|--|--|
| AMENDMENT TRANSMITTAL LETTER (Large Entity) | | | | | Docket No. SHL.0388US (101.0122) | | | | |
| Applicant(s): Arthur H. Hartog | | | | | | | | | |
| Application No. | Filing Date | Examiner | Customer No. | Group Art Unit | Confirmation No. | | | | |
| 10/554,116 | 10-21-2005 | Megann E. Vaughn | 35204 | 2859 | 4663 | | | | |
| Invention: Distributed Optical Fibre Measurements | | | | | | | | | |
| <u>COMMISSIONER FOR PATENTS:</u> | | | | | | | | | |
| Transmitted herewith is an amendment in the above-identified application. | | | | | | | | | |
| The fee has been calculated and is transmitted as shown below. | | | | | | | | | |
| CLAIMS AS AMENDED | | | | | | | | | |
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE | | | | |
| TOTAL CLAIMS | 33 - | 33 = | 0 | x \$50.00 | \$0.00 | | | | |
| INDEP. CLAIMS | 2 - | 3 = | 0 | x \$200.00 | \$0.00 | | | | |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 | | | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 | | | | |
| <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 20-1504 (SHL.0388US) <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. | | | | | | | | | |
| WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | |
|  Signature | | | Dated: June 22, 2007 | | | | | | |
| Dan C. Hu Registration No. 40,025 TROP, PRUNER & HU, P.C. 1616 South Voss Road, Suite 750 Houston, TX 77057-2631 Telephone: (713) 468-8880, ext. 304 Facsimile: (713) 468-8883 | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date of Deposit: <u>June 22, 2007</u></td> </tr> <tr> <td>I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent Office (Fax No. (571) 273-8300) on the date indicated above.</td> </tr> <tr> <td style="text-align: center;">  Ginger Yount </td> </tr> </table> | | | | Date of Deposit: <u>June 22, 2007</u> | I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent Office (Fax No. (571) 273-8300) on the date indicated above. |  Ginger Yount |
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|  Ginger Yount | | | | | | | | | |
| CC: | | | | | | | | | |

P11LARGE/REV10

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|---|-------------------------------------|-----------------------------|---|----------------|--|--|---------------------------------------|--|--|
| AMENDMENT TRANSMITTAL LETTER (Large Entity) | | | | | Docket No. SHL.0388US (101.0122) | | | | |
| Applicant(s): Arthur H. Hartog | | | | | | | | | |
| Application No. | Filing Date | Examiner | Customer No. | Group Art Unit | Confirmation No. | | | | |
| 10/554,116 | 10-21-2005 | Megann E. Vaughn | 35204 | 2859 | 4663 | | | | |
| Invention: Distributed Optical Fibre Measurements | | | | | | | | | |
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| Transmitted herewith is an amendment in the above-identified application. | | | | | | | | | |
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| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE | | | | |
| TOTAL CLAIMS | 33 - | 33 = | 0 | x \$50.00 | \$0.00 | | | | |
| INDEP. CLAIMS | 2 - | 3 = | 0 | x \$200.00 | \$0.00 | | | | |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 | | | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 | | | | |
| <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 20-1504 (SHL.0388US) <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. | | | | | | | | | |
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| Dan C. Hu Registration No. 40,025 TROP, PRUNER & HU, P.C. 1616 South Voss Road, Suite 750 Houston, TX 77057-2631 Telephone: (713) 468-8880, ext. 304 Facsimile: (713) 468-8883 | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date of Deposit: <u>June 22, 2007</u></td> </tr> <tr> <td>I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent Office (Fax No. (571) 273-8300) on the date indicated above.</td> </tr> <tr> <td style="text-align: center;">  Ginger Yount </td> </tr> </table> | | | | Date of Deposit: <u>June 22, 2007</u> | I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent Office (Fax No. (571) 273-8300) on the date indicated above. |  Ginger Yount |
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-------------|---------------------------|---|-----------------|-----------------------|
| Applicant: | Arthur H. Hartog | § | Art Unit: | 2859 |
| | | § | | |
| Serial No.: | 10/554,116 | § | | |
| | | § | Examiner: | Megann E. Vaughn |
| Filed: | October 21, 2005 | § | | |
| | | § | | |
| For: | Distributed Optical Fibre | § | Atty. Dkt. No.: | SHL.0388US (101.0122) |
| | Measurements | § | | |

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION MAILED APRIL 23, 2007

Dear Sir:

In response to the Office Action of April 23, 2007, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.

| | |
|--|----------------------|
| Date of Deposit: | <u>June 22, 2007</u> |
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| <u>Ginger Yount</u> | |
| Ginger Yount | |